

APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office..... FEB 20 1980

Returned to applicant for correction.....

Corrected application filed.....

Map filed..... FEB 20 1980

The applicant..... University of Nevada

....., of..... Reno.....
Street and No. or P.O. Box No. City or Town

Nevada (89507)....., hereby make^s application for permission to appropriate the public
State and Zip Code No.

waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorpora-
tion; if a copartnership or association, give names of members.).....

1. The source of the proposed appropriation is..... Underground
Name of stream, lake or other source.

2. The amount of water applied for is..... 6.7..... second-feet
One second-foot equals 448.83 gals. per min.

(a) If stored in reservoir give number of acre-feet..... acre-feet

3. The water to be used for..... Irrigation and Domestic
Irrigation, power, mining, manufacturing, domestic, or other use. Must limit to one use.

4. If use is for:

(a) Irrigation (state number of acres to be irrigated)..... Up to 720 Acres (usually about 260 Acres
will receive normal irrigation, remainder
some water occasionally to establish grass and stimulate production).

(b) Stockwater (state number and kinds of animals to be watered).....

(c) Other use (describe fully under "No. 12. Remarks").....

(d) Power:

(1) Horsepower developed.....

(2) Point of return of water to stream.....

5. The water is to be diverted from its source at the following point: SE $\frac{1}{4}$ NW $\frac{1}{4}$ Section 16, T24N, R48E,.

M.D.B.&M. or at a point from which the West $\frac{1}{4}$ Corner of said Section 16 bears.

Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land,

S 53° 45' W a distance of 1,875.00 feet.

it should be stated.

6. Place of use. W $\frac{1}{2}$ NW $\frac{1}{4}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$, SW $\frac{1}{4}$ W $\frac{1}{2}$ SE $\frac{1}{4}$ Section 16, T24N, R48E,
Describe by legal subdivision, if on unsurveyed land it should be so stated.

M.D.B.&M., E $\frac{1}{2}$ E $\frac{1}{2}$ Section 17, T24N, R48E, M.D.B.&M., NE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 20,

T24N, R48E, M.D.B.&M., N $\frac{1}{2}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 21, T24N, R48E, M.D.B.&M.

7. Use will begin about..... April 1..... and end about..... September 30....., of each year.
Month and Day Month and Day

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and
specifications of your diversion or storage works.)..... Water will be pumped from a well through
pipes to a center pivot irrigation system and/or other types of irrigation
State manner in which water is to be diverted, whether by dam or other works, whether through pipes, ditches, flumes, or other conduits.
systems as dictated by research needs.

9. Estimated cost of works.....\$100,000
10. Estimated time required to construct works.....One Year
11. Estimated time required to complete the application to beneficial use.....Two Years
12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.

Irrigation water up to the amount allocated is to be used on an area
up to 720-acres at the discretion of scientists conducting research
on efficiency of irrigation and maximization of forage production per
unit of water.

Applicant.....University of Nevada

By...../s/ Richard W. Arden
Richard W. Arden, Agent
950 Industrial Way
Sparks, Nevada (89431)

Compared.....lp/jk.....gk/ja

APPROVAL.....OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to all existing rights on the source. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the amount of water actually placed to beneficial use. It is also understood that this right must allow for a reasonable lowering of the static water level at permittee's well due to other ground water development in the area. A substantial weir or other type of measuring device must be installed and measurements of water use kept. The well shall be equipped with a 2-inch opening for measuring depth to water. If well is flowing, a valve must be installed and maintained to prevent waste. The State retains the right to regulate the use of the water herein granted at any and all times.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed.....6.0.....cubic feet per second, but not to exceed a
yearly duty of 4.0 acre-feet per acre of land irrigated from any and/or all sources.

Actual construction work shall begin on or before.....March 19, 1981

Proof of commencement of work shall be filed before.....April 19, 1981

Work must be prosecuted with reasonable diligence and be completed on or before.....March 19, 1982

Proof of completion of work shall be filed before.....April 19, 1982

Application of water to beneficial use shall be made on or before.....March 19, 1985

Proof of the application of water to beneficial use shall be filed on or before.....April 19, 1985

Map in support of proof of beneficial use shall be filed on or before.....April 19, 1985

Commencement of work filed.....MAY 8 1981

Completion of work filed.....MAY 18 1982

Proof of beneficial use filed.....

Cultural map filed.....

Certificate No.....Issued.....

IN TESTIMONY WHEREOF, I.....WILLIAM J. NEWMAN
State Engineer of Nevada, have hereunto set my hand and the seal of
my office, this 19th day of SEPTEMBER.

A.D. 19 80

port.
Abrogated By 53787 4.9.85

William J. Newman
State Engineer